Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
19	KSRB 15-16.3 : Extra for providing and applying every subsequent coat of waterproofing cement paint of approved brand and shade for Item no.15-16.1 cost of materials, labour, complete as per specifications. (Page No.120, Item No.15.53.3 PWD SR 2018-19)						
	For Toilet Block						
			Qty Same As per Item No.17			139.07	
					Present Qty	**139.07**	**Sqm**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

em No	Detailed measurement recorded on: Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 No.s of 150mm long brackets of 15 x 15mm M.S Square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 guage, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos. of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member. (P.No.62, I. No. 9.92, PWD SR 2018-19)						
	For Toilet Block						
	Ladies Rooms	4	5.60			22.40	
	gents Rooms	3	5.60			16.80	
					Present Qty	39.20	Mtr

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	"SOLID PANEL PRELAM PVC DOOR SHUTTER" Providing and fixing 30MM thick factory made rigid foam with both side Prelam Panelled Door Shutters made from M.S. tube of 19 x 19mm, 19 gauge for styles and 15 x 15mm for top & bottom rails, covered with heat moulded Prelaminated PVC 'C' Channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S Frams, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges. (P.No.61, I. No. 9.85.1, PWD SR 2018-19)						
	For Toilet Block						
	Ladies Rooms	4	0.62		2.06	5.11	
	gents Rooms	3	0.62		2.06	3.83	
					Present Qty	8.94	Sqm

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications(P.No. 34, I.No. 7.9 of PWD SR 2018-19)						
	For Toilet Block						
	Ventilater						
	Ladies Rooms	4	1.30		0.40	2.08	
	gents Rooms	2	1.30		0.40	1.04	
		1	1.05		0.40	0.42	
		1	1.70		0.40	0.68	
						4.22	**Sqm**
					Present Qty	**88.62**	**Kg**

Assistant Engineer
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Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work: Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
23	Providing and fixing in position collapsible steel shutters Sqm with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint, cost of materials, labour, HOM of machinery complete as per specifications, size of gate 2.4mx1.4m Specification No. KBS 7.7 / 7.12 (Page No. 33, Item No. 7.1, PWD SR 2018-						
	For Toilet Building						
	Entrance Gates						
		2	2.43		2.30	11.18	
					Present Qty	11.18	Sqm

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
24	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm (P.No.110, I.No.14.47.2 of PWD SR 2018-19)						
	For Toilet Block						
	LadiesWaiting Hall	1	5.80	1.82		10.56	
	Toilet Door Vascal	4	0.70	0.30		0.84	
	Gents Waiting Hall						
		1	5.90	1.80		10.62	
		1	1.67	1.62		2.71	
	Toilet Door Vascal	3	0.70	0.30		0.63	
	Vascal For Urinals	4	0.95	0.60		2.28	
					Present Qty	**27.63**	**Sqm**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
25	Providing and fixing colour glazed tiles of size 300mmx450mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, etc., complete as per specification. (P.No.110, I.No.14.65 of PWD SR 2018-19)						
	For Toilet Block						
	Wall Cladding						
	Ladies Block						
	LadiesWaiting Hall						
		2	5.80		2.15	24.94	
		2	1.82		2.15	7.83	
		2	0.23		2.15	0.99	
	Rooms						
	Room-1						
		1	5.34		2.15	11.48	
		1	1.82		0.10	0.18	
		1	1.39	1.42		1.97	
	Room-2						
		1	5.04		2.15	10.84	
		1	1.25		0.10	0.13	
		1	1.25	1.43		1.79	
	Room-3						
		1	5.08		2.15	10.92	
		1	1.76		0.10	0.18	
		1	1.28	1.42		1.82	
	Room-4						
		1	4.89		2.15	10.51	
		1	1.43	1.27		1.82	
	Gents Block						
		1	5.90		2.20	12.98	
		1	1.80		2.20	3.96	
		1	3.45		2.20	7.59	
		1	4.27		2.20	9.39	
		1	1.62		2.20	3.56	
		1	1.67		2.20	3.67	
		2	0.23		2.20	1.01	
	Rooms						
	Room-1						
		1	4.55		2.20	10.01	
		1	1.02		0.10	0.10	
		1	1.41	1.02		1.44	
	Room-2						
		1	5.19		2.20	11.42	
		1	1.33	1.42		1.89	

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	1	1.67		0.10	0.17	
Earth I						
	1	5.11		2.20	11.24	
	1	1.43	1.30		1.86	
Entrance Wall Clading						
	1	12.30		2.20	27.06	
Deductions						
Door	-7	0.70		2.10	-10.29	
Water Closets	-7	0.50	0.40		-1.40	
Entrance Gate	-2	1.77		2.10	-7.43	
				Present Qty	173.62	Sqm

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Pre measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mmsize with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:3 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with proprietary water proofing compound wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications (Page No.68, Item No. 10.2 of PWD SR 2018-19)						
For Toilet Block						
	1	12.30	4.60		56.58	
				Present Qty	56.58	Sqm

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
27	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 50mm nominal OD pipes.(P.No.98, I.No. 13.85.6 of PWD SR 2018-19)						
	Water Supply For Toilet Block Building						
	From Sump to Building	1	30.00			30.00	
		1	14.5			14.50	
	Towards Water Storage Tank						
		1	10.00			10.00	
					Present Qty	54.50	Mtr

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.99, I.No. 13.86.3 of PWD SR 2018-19)						
Water Supply For Toilet Block Building						
From Tank To Room	1	5.00			5.00	
Towards Toilet Room Connection	1	12.30			12.30	
Towards Wash Basin (Ladies	2	3.30			6.60	
Towards Wash Basin (Gents Block)	1	3.30			3.30	
	1	3.45			3.45	
	1	1.60			1.60	
				Present Qty	32.25	Mtr

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work: Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 110mm outer dia(P.No.77, I.No. 11.56.2 of PWD SR 2018-19)						
Sanitory Connection For Toilet Block Building						
Connection from Wash basin to closet	2	3.80			7.60	
Connection from Wash basin to closet	2	3.80			7.60	
	1	12.30			12.30	
	4	0.60			2.40	
Outside	1	6.30			6.30	
				Present Qty	36.20	Mtr

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Pre measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
KSRB 12.-1.1 : Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per Specifications.Specification No. KBS 12.2.5/12.7 (Page No.70, Item No. 11.4)PW,P&IWTD SR 2018-19)						
Sanitory Connection For Toilet Block Building						
	1	20.00			20.00	
	1	6.00			6.00	
	1	4.00			4.00	
				Present Qty	30.00	Mtr

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Work: Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No.76 / I.No.11.50.3, of PWD						
For Toilet Building						
Entrance Gates						
	3					
					3.00	
				Present Qty	3.00	No's

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Detailed measurement recorded on:						
31	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No.76 / I.No.11.50.3, of PWD						
	For Toilet Building						
	Entrance Gates						
		3				3.00	
					Present Qty	**3.00**	**No's**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Detailed measurement recorded on:						
32	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (P.No.93, I.No.13.26 of PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	6				6.00	
	Gents Block	6				6.00	
					Present Qty	**12.00**	**Each**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	providing and fixing in position brass gate valve with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins(P.No.93, I.No. 13.33 of PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	4				4.00	
	Gents Block	3				3.00	
					Present Qty	7.00	Each

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
34	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. - for 32mm dia (P.No.97, I.No. 13.81.1 of PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	4				4.00	
	Gents Block	3				3.00	
					Present Qty	7.00	Each

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
35	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No.90, I.No. 12.111 of PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	4				4.00	
	Gents Block	3				3.00	
		4				4.00	
					Present Qty	11.00	Each

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
36	Providing and fixing on wall surface 4.0kg?Sq.cm H.D.P.E. rain down water pipes 90mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification (Page No. 49/ Item No. 8.18, PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	2	4.50			9.00	
					Present Qty	**9.00**	**Mtr**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
37	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (Page no.79 Item no.12.5 ,PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	1				1.00	
	Gents Block	1				1.00	
					Present Qty	2.00	**Pan**

Assistant Engineer
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Asst. Executive Engineer,
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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
38	KSRB 11-3 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (Page no.79 Item no.12.3 ,PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	3				3.00	
	Gents Block	2				2.00	
					Present Qty	**5.00**	**Pan**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
39	Providing and fixing white vitreaus china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litre PVC automatic flushing cistren, C.I./M.S bracket, standard flush pipe and c.P. brass spreaders with brass union and G.I.Clamp Complete painting of fitting and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specification (Page No. 80, item No. 12.7,PWD SR 2018-19)						
	For Toilet Building						
	Gents Block	4				4.00	
					Present Qty	**4.00**	**Unit**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
40	Providing and fixing white vitreous china clay flat back wash basin size 630x450mm with a single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (P.No. 83, I.No. 12.24 of PWD SR 2018-19)						
	For Toilet Building						
	Ladies Block	2				2.00	
	Gents Block	2				2.00	
					Present Qty	4.00	Unit

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Item No	Detailed measurement recorded on: Discription of Item	No	Length	Breadth	Depth	Qty	Unit
41	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 (Page No. 96, Item No. 13.78, PWD SR 2018-19)						
	For Toilet Building						
		2				2.00	
					Present Qty	2.00	No's

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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Sl No	Description of Work	Unit	Qty.
42	Supplying heavy gauge PVC conduit pipe .....dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.**19/20mm dia 2mm thick**	**Mtrs**	**60.00**
43	Supplying heavy gauge PVC Conduit Pipe ....dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.**25mm dia 2mm thick**	**Mtrs**	**8.00**
44	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. **8Way**	**Nos**	**4.00**
45	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.**8 Module**	**Nos**	**4.00**
46	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.6Amps one way Switch	**Each**	**20.00**
47	6Amps 3way socket	**Each**	**2.00**
48	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using **2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire** (confirming to IS-694: and latest amendments) **without control switch** shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.Short point upto 3Mtr from tapping point to out let via switch box	**Points**	**8.00**
49	Wiring for lighting/power circuit using one of **FRLS** PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.		
	1.5 sqmm	**Mtrs**	**70.00**
	2.5sqmm	**Mtr.**	**150.00**
	4sqmm	**Mtr.**	**12.00**
50	Supplying and fixing regular MCB distribution boards on wall/ wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 8Way SP &N	**Nos**	**2.00**
51	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32 Amps DP	**Nos**	**2.00**
52	LED Lamp,18-20 Watts	**Nos**	**19.00**
53	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders	**Nos**	**19.00**

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Name of Work:Construction of General Public Toilet in Ward NO.13 Mallasandra Shettyhalli Sub Division

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Detailed measurement recorded on:						
54	Rectangulur Shape Mirror of Size 1500x450mm with Plastic Moulded Frame (Page No.XXVI, SL No.680 , PWD SR 2018-19)						
	For Toilet Block						
	Ladies Block	1				1	
	Toilet Block	1				1	
					Present Qty	2.00	Each

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

45/45

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